

# Sarath Suresh

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## Technical Skills

NodeJS, ReactJS, Docker, Java, Python, Apache Camel, Kafka, Kotlin, C#, MongoDB, MySQL, Git, Linux.

## Work Experience

- **Software Engineer - Fullstack** | Justdial *Feb '24 - Present*
  - Migrated multi-instance Node.js servers managed by **PM2** to **Docker**, including server setup and provisioning, achieving streamlined deployments and improved scalability.
  - Engineered **JWT** validation and refresh mechanisms in **OAuth 2.0** for stateless authentication.
  - Actively contributed to the “**Sales Genio**” migration - An internal sales application from React v14 to NextJS.
  - Built a Python-based system to process on-demand **bulk invoices** using **Apache Kafka** as the queuing system.
  - Implemented **MySQL** connection pooling with automatic reconnection logic for transient fault tolerance.
  - Leveraged **memory buffers** for in-memory PDF bundling and direct cloud uploads via **S3-compatible APIs**.
  - Configured **reverse proxies** with **Nginx** for secure routing and load balancing of API traffic.
  - **Tech Stacks:** ReactJS, NodeJS, NextJS, MongoDB, Git, Docker, Linux, MySQL, Kafka, RabbitMQ
- **Software Engineer - Fullstack** | Growth As A Service (Graas) *Jan'23 - Jan'24*
  - Developed time efficient **Java**-based **APIs** to retrieve and manage data through SQL queries
  - Engineered smart logic for acquiring Ads data from **Facebook Ads** and **Google Ads**, efficiently transferring it to an NFS (S3 Bucket) storage, enhancing data accessibility.
  - Worked closely with queuing mechanisms like **RabbitMQ** and **Apache Kafka**, for better messaging actions.
  - Crafted dynamic React components by applying concepts including **Redux** and the **context API**, resulting in highly efficient and maintainable user interfaces.
  - Containerised applications using **Docker** and deployed using **Jenkins**, showcasing expertise in modern software packaging and **CI/CD** practices
  - **Tech Stacks:** ReactJS, Java, MongoDB, Python, NodeJS, Snowflake DB, Docker, Jenkins, Git,
- **AR VR Developer** | Tata Consultancy Services *May '21 - Jan'23*
  - Contributed to **B2B Augmented Reality** solutions, covering the entire process from inception to deployment.
  - Gained hands-on experience with a range of SDKs such as AR Core, Vuforia, and XR Tool Kit & Oculus.
  - Employed RESTful APIs, along with reliable queuing methods like **Kafka** and **MQTT**
  - **Tech Stacks:** Unity, C#, Android Studio, Vuforia, AR Core, Kotlin, Git, Azure

## Education

B. Sc Electronics and Communication systems, SKASC Coimbatore

*Jun '18 - May '21*

## Position of Responsibilities

**Secretary** - Conducted a state-level Rotaract Fellowship even with over 1800 + participants.

**Vice President** - Handled all the membership-related campaigns for the Rotaract club of SKASC.

**Department Joint Secretary** - Conducted an inter-college symposium with over 400 participants from colleges around the state.

## Certifications

Microsoft Azure Fundamentals - AZ -900

*Microsoft*